



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (07-05)

Approved for use through 07/31/2008, OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/625,071
Filing Date	July 22, 2003
First Named Inventor	Hamid Hojaji et al.
Art Unit	3635
Examiner Name	Jeanette E. Chapman

Attorney Docket Number 50699/10

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,324,037	04-13-1982	Grady, II, Clyde C.	
		US- 3,292,316	12-20-1966	Zelinetz, B. O.	
		US- 4,450,656	05-29-1984	Legendijk, Johnnes	
		US- 4,124,365	11-07-1978	Williams, Tudor et al.	
		US- 3,056,184	10-02-1962	Blaha, Emil	
		US- 3,430,397	03-04-1969	Ellis, J.P.	
		US- 4,332,908	06-01-1982	Vieli, Otto A.	
		US- 4,178,162	12-11-1979	Shono, Hiroaki et al.	
		US- 3,321,414	05-23-1967	Sieli, Otto A.	
		US- 3,325,341	06-13-1967	Shannon, Richard F.	
		US- 2,620,597	12-09-1952	Ford, Walter D.	
		US- 2004/0071960	04-15-2004	Weber, Andreas et al.	
		US- 5,476,692	12-19-1995	Ellis et al.	
		US- 4,903,446	02-27-1990	Richards et al.	
		US- 4,628,652	12-16-1986	Wefels, Peter	
		US- 4,058,943	11-22-1977	Sturgill, Lawrence W.	
		US- 2,281,524	04-28-1942	Meyers, George T.	
		US- 2001/0018836	09-06-2001	Schmidt et al.	
		US- 4,259,118	03-31-1981	Sack, Werner	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ "Number" ⁴ "Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner
Signature

Chapman

Date
Considered

1/21/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (07-05)

Approved for use through 07/31/2008. OMB 0651-0031

Approved for use through 07/31/2008. OMB 0651-0031

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10/625,071
Filing Date	July 22, 2003
First Named Inventor	Hamid Hojaji et al.
Art Unit	3635
Examiner Name	Jeanette E. Chapman
Attorney Docket Number	50699/10

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **1** Applicant's unique citation designation number (optional). **2** See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. **3** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **4** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **5** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. **6** Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

321839.1

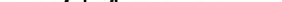
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				<p>Complete if Known</p>	
Sheet	1	of	3	Application Number	TBA
				Filing Date	July 22, 2003
				First Named Inventor	Hamid Hojaji
				Art Unit	TBD
				Examiner Name	TBD
				Attorney Docket Number	50699/10

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ^a (if known)	MM-DD-YYYY		
	1	us- 4,430,108	02-07-1984	Holai et al.	
	2	us- 3,959,541	05-25-1976	King et al.	
	3	us- 4,198,224	04-15-1980	Kirkpatrick	
	4	us- 5,069,960	12-03-1991	Fukumoto et al.	
	5	us- 4,119,422	10-10-1978	Rostoker	
	6	us- 4,571,321	02-18-1986	Kijowski et al.	
	7	us- 3,979,217	09-07-1976	Sutton	
	8	us- 4,623,585	11-18-1986	Linton et al.	
	9	us- 4,424,280	01-03-1984	Malric	
	10	us- 4,440,296	04-03-1984	Howe et al.	
	11	us- 5,862,640	01-26-1999	Negri	
	12	us- 6,174,587 B1	01-16-2001	Figge, Sr.	
	13	us- 6,212,840 B1	04-10-2001	Davidovitz	
	14	us- 4,798,758	01-17-1989	Nagano et al.	
	15	us- 4,024,309	05-17-1977	Pender	
	16	us- 4,833,015	05-23-1989	Furuuchi et al.	
	17	us- 4,992,321	02-12-1991	Kandachi et al.	
	18	us- 4,879,159	11-07-1989	Furuuchi	
	19	us- 4,987,028	01-22-1991	Kandachi et al.	
	20	us- 4,758,538	07-19-1988	Satoh et al.	

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	1/21/06
-----------------------	---	--------------------	---------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

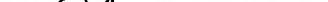
Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	TBA
(use as many sheets as necessary)				Filing Date	July 22, 2003
				First Named Inventor	Hamid Hojaji
				Art Unit	TBD
				Examiner Name	TBD
				Attorney Docket Number	50699/10
Sheet	2	of	3		

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered
-----------------------	---	--------------------

***EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 144BB/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	TBA
				Filing Date	July 22, 2003
				First Named Inventor	Hamid Hojjai
				Group Art Unit	TBD
				Examiner Name	TBD
				Attorney Docket Number	50699/10
Sheet	3	of	3		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	28	Mission Area: Structural Blast Mitigation	
	29	Co-pending U.S. Patent Application Serial No. 10/078,971, filed Feb. 15, 2002	

Examiner Signature Chamman Date Considered 9/17/67

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). **2** Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case.

burden hour statement. This form is estimated to take 2.0 hours to complete. Time will vary depending upon the details of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.